

PIWI-L3 Antibody

Lot Number: QJ2095646

Product Data Sheet

Tested Species Reactivity

Human (Hu)
Mouse (Ms)
Rat (Rt)

Details

Catalog Number:	PA5-21052
Size:	100 ug
Class:	Polyclonal
Type:	Antibody
Clone:	
Host / Isotype:	Rabbit / IgG
Immunogen:	An 18 amino acid peptide near the amino terminus of human PIWI-L3.

Tested Applications

Dilution *

Western Blot (WB)	1 µg/ml
Immunofluorescence (IF)	20 ug/ml
Immunocytochemistry (ICC)	20 ug/ml

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Form Information

Form:	Liquid
Concentration:	1mg/ml
Purification:	Antigen affinity chromatography
Storage Buffer:	PBS
Preservative:	0.02% sodium azide
Storage Conditions:	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C

Product Specific Information

A suggested positive control is NIH-3T3 cell lysate.

PA5-21052 can be used with blocking peptide PEP-1166.

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General Information

PIWI-L3 is a member of the PIWI subfamily of Argonaute proteins, evolutionarily conserved proteins containing both PAZ and Piwi motifs that are crucial for the biogenesis and function of small non-coding RNAs and play important roles in stem cell self-renewal, RNA silencing, and translational regulation in diverse organisms. Recent studies have shown that overexpression of PIWI-L3 (as well as other PIWI-like proteins) are potential biomarkers for astrocytic glioma, meningioma, and other cancers.

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